

US EPA ARCHIVE DOCUMENT



**AMERICAN  
ELECTRIC  
POWER**

American Electric Power  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

Mr. Richard Kinch  
US Environmental Protection Agency  
Two Potomac Yard  
2733 S. Crystal Dr.  
5<sup>th</sup> Floor; N-5783  
Arlington, VA 22202-2733

RE: Request for Information Under CERCLA Section 104(e) for Ash Management Units

July 28, 2009

Dear Mr. Kinch:

On March 31, 2009 American Electric Power Company submitted a consolidated response to U.S. EPA's request for information on ash management units. During the course of an internal review, we discovered that some descriptive data for one of the units was incorrect. Attached please find a corrected copy of the response sheet for Appalachian Power Company's John E. Amos Plant. The corrected information regards the size of the Fly Ash Pond as follows:

Appalachian Power Company  
John E. Amos Plant  
Fly Ash Pond

- Surface area: 175 acres
- Storage capacity: 2,687 acre-ft

If you have any questions, please feel free to contact me at: (614) 716-1233 or [arwood@aep.com](mailto:arwood@aep.com).

Sincerely,

Alan R. Wood, P.E.  
Manager, Water & Ecological Resource Services

bc: T. R. Zelina/P. J. Amaya (w/att.)  
G. W. Massey (w/att.)  
J. M. McManus (w/att.)

<b>COMPANY</b>	Appalachian Power Company	Appalachian Power Company
<b>PLANT</b>	John E. Amos	John E. Amos
<b>ASH MANAGEMENT UNIT</b>	Bottom Ash Complex	Fly Ash Pond
<b>QUESTION 1</b>		
Dam Hazard Rating	Significant	High
Who Established Rating	WVDEP -- Div. of Water and Waste Mgmt.	WVDEP -- Div. of Water and Waste Mgmt.
Basis for Rating	Health Hazard	Health Hazard
No Rating Assigned	N/A	N/A
<b>QUESTION 2</b>		
Year Commissioned	1971	1971
Year(s) Expanded	Application to expand under review	Application to expand under review
<b>QUESTION 3 - Materials that apply</b>		
Fly Ash		X
Bottom Ash	X	
Boiler Slag		
Flue Gas Emission Control Residuals		
Other (Specify)		
<b>QUESTION 4</b>		
Designed by P.E.	Yes (Last Modification)	Yes (Last Modification)
Constructed under P.E. Supervision	Yes	Yes
Inspection/monitoring under P.E. Supervision	Yes	Yes
<b>QUESTION 5</b>		
Date of Last Company Safety Assessment	9/24/2008	10/1/2008
Describe Evaluator's Credentials	WV P.E.	WV P.E.
Describe Past Followup Corrective Actions	Routine maintenance	Routine maintenance
Describe Credentials of Corrective Action Implementers	Tree service under plant supervision	Tree service under plant supervision
Describe Planned Followup Actions	Routine Maintenance, repair emerg. spillway concrete chute	Routine maintenance, repair skimmer, repair/replace sluice gate and appurtenances in discharge tower
Date of Next Safety Assessment	2010	2009
<b>QUESTION 6</b>		
Date of Last Regulatory Safety Inspection	2/10/2009	2/10/2009
Agency Name	WVDEP -- Div. of Water and Waste Mgmt.	WVDEP -- Div. of Water and Waste Mgmt.
Date of Planned Regulatory Safety Inspection	N/A	N/A
Agency Name	N/A	N/A
Copy of Most Recent Regulatory Inspection Included	Yes	Yes
<b>QUESTION 7</b>		
Safety Issues from Regulatory Inspections w/in Past Year	Clear emerg. spillway of earthen fill	Repair/replace wooden stairway accesses, evaluate and repair sticking/dragging docks at discharge tower
Corrective Actions	Cleared emerg. spillway	Actions are being planned
Documentation Included	Yes (photos attached)	N/A
<b>QUESTION 8</b>		
Surface Area (acres)	30 acres - The bottom ash pond complex is a multi-pond system where other wastewaters are separately treated in contiguous cells. These pond complexes typically also include secondary (and in some cases tertiary) settling ponds for final "polishing" of effluent quality. The information provided is based on the entire impoundment as regulated under dam safety rules.	175 acres
Total Storage Capacity	220 acre-ft	2,687 acre-ft
Volume Currently Stored	Variable - ash is routinely removed for beneficial use	Unable to be determined in the time allotted to complete this survey
Date of Volume Measurement	N/A	N/A
Maximum Height (feet)	24	223
<b>QUESTION 9</b>		
Spills or Unpermitted Release History (10 Years)	None	None
<b>QUESTION 10</b>		
All legal owner(s) and operator(s)	Appalachian Power Company, Ohio Power Company	Appalachian Power Company, Ohio Power Company



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Sincerely,

A handwritten signature in black ink, appearing to read 'Alan R. Wood', is written over the word 'Sincerely,'.

Alan R. Wood, P.E.  
Manager, Water & Ecological Resource Services

bc: T. R. Zelina/P. J. Amaya (w/att.)  
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